

Data File : BF115281.D
Acq On : 28 Jun 2019 15:06
Operator : HP/JU
Sample : PB120890BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Quant Time: Jun 29 02:34:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	243662	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	935329	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	451601	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	881837	20.00	ng	0.00
76) Chrysene-d12	13.71	240	727251	20.00	ng	0.00
87) Perylene-d12	15.07	264	809629	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1180550	74.77	ng	0.00
7) Phenol-d6	6.24	99	1506718	78.62	ng	0.00
23) Nitrobenzene-d5	7.15	82	895097	58.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	435025	91.35	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1804295	67.87	ng	0.00
79) Terphenyl-d14	12.68	244	2038497	59.60	ng	0.00

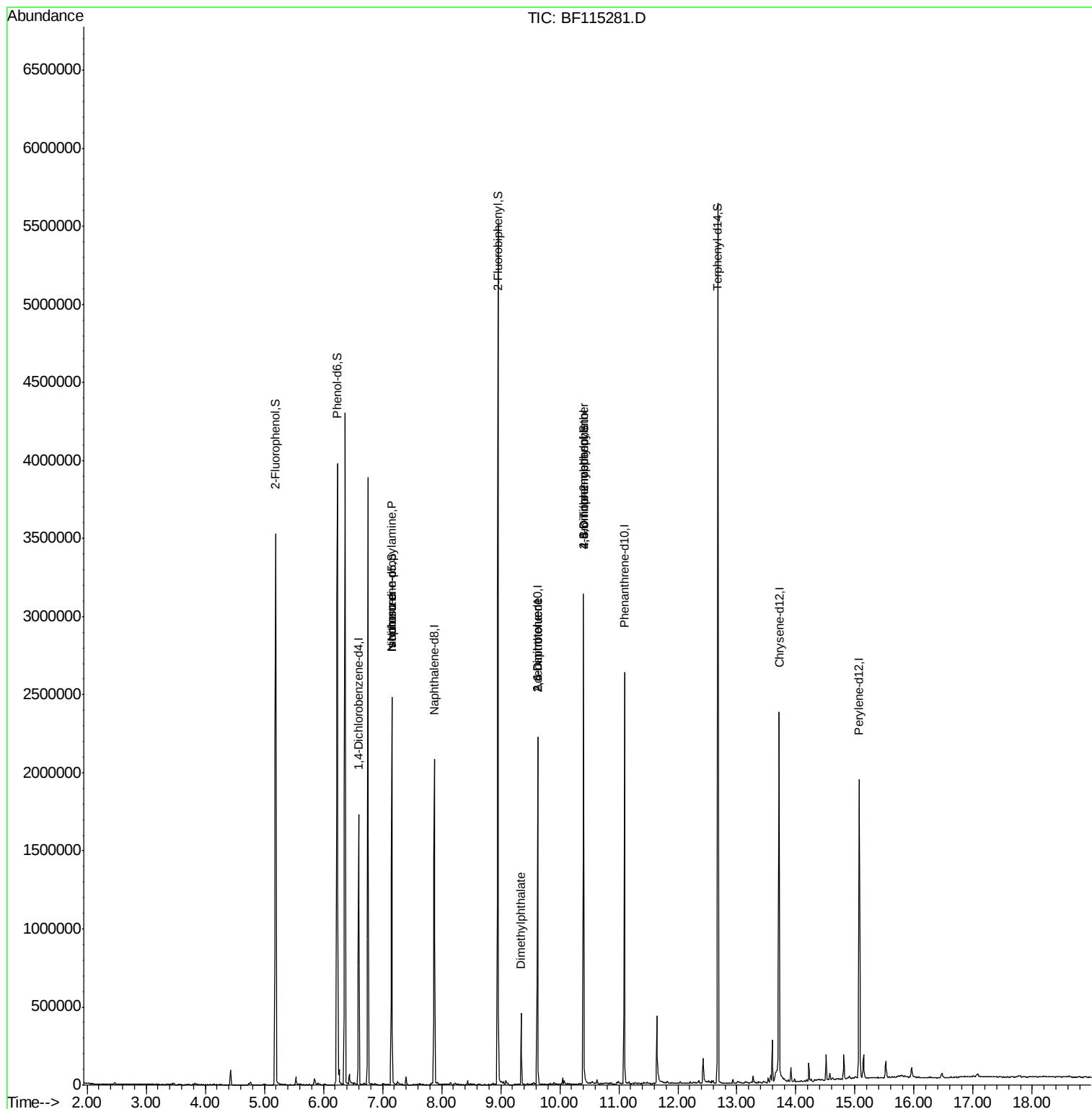
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.15	70	118040	9.621 ng	#	78
25) Isophorone	7.15	82	888358	28.521 ng	#	63
50) Dimethylphthalate	9.35	163	175368	5.278 ng		98
51) 2,6-Dinitrotoluene	9.62	165	58968	7.687 ng	#	28
57) 2,4-Dinitrotoluene	9.62	165	58968	5.954 ng	#	30
58) Fluorene	10.40	166	20311	Below Cal	#	89
65) 4,6-Dinitro-2-methylphenol	10.40	198	839	5.120 ng	#	1
67) 4-Bromophenyl-phenylether	10.41	248	27046	2.829 ng	#	1

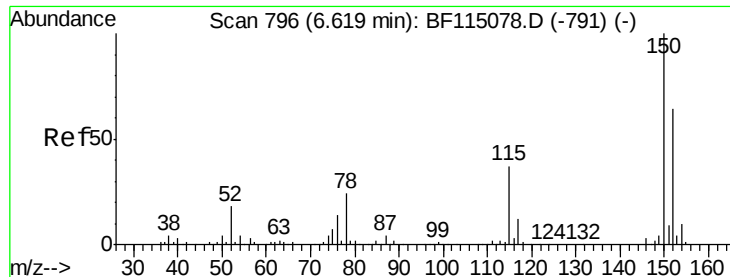
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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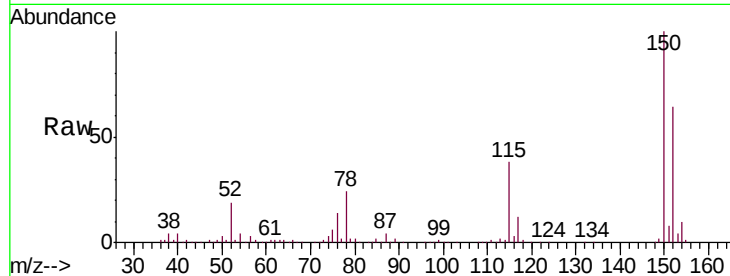


#1

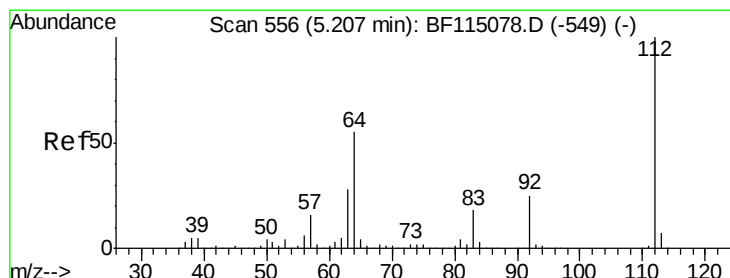
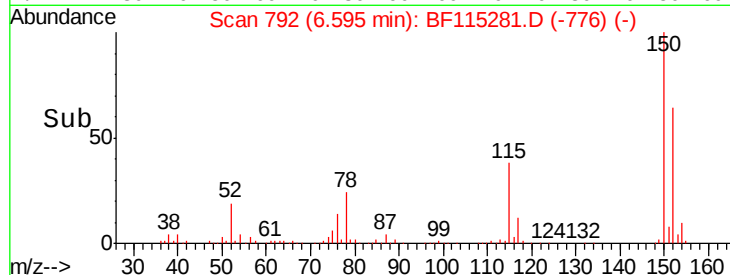
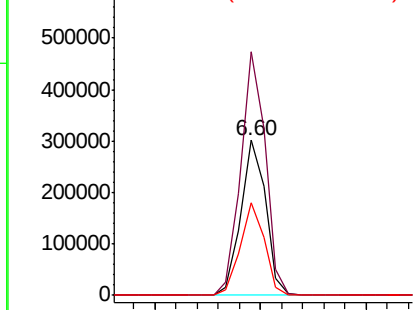
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tgt Ion:152 Resp: 243662
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 59.4 46.1 69.1



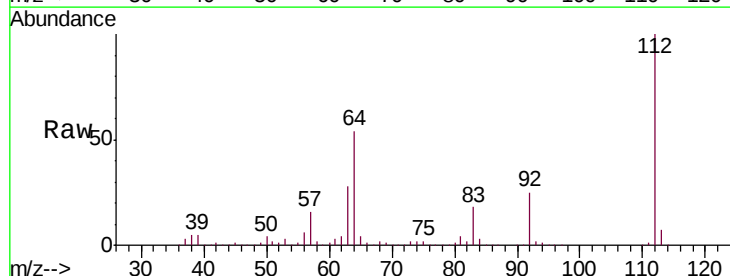
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



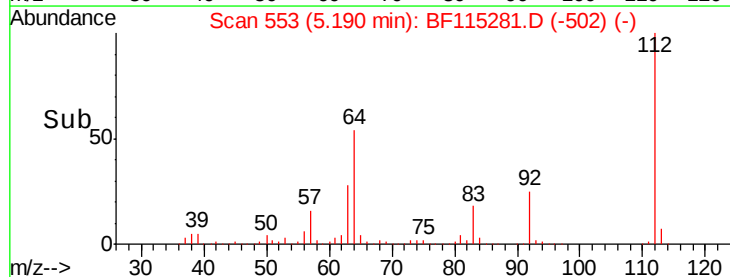
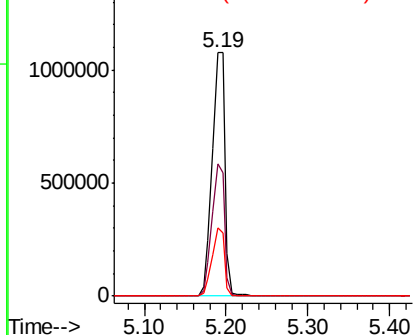
#5

2-Fluorophenol
Concen: 74.767 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Tgt Ion:112 Resp: 1180550
Ion Ratio Lower Upper
112 100
64 54.3 43.8 65.6
63 28.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 78.619 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

Instrument :

BNA_F

ClientSampleId :

PB120890BL

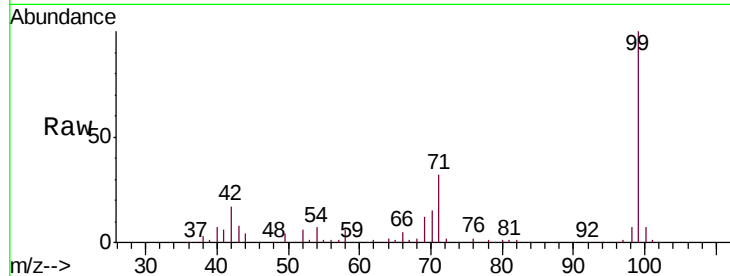
Tgt Ion: 99 Resp: 1506718

Ion Ratio Lower Upper

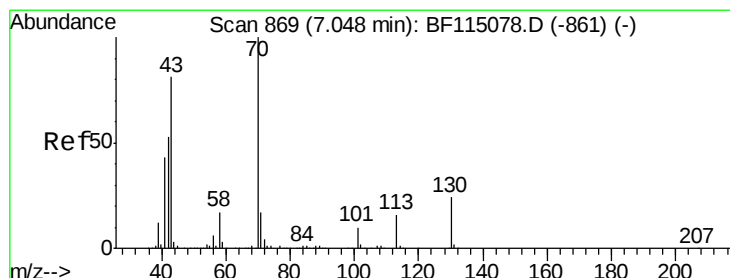
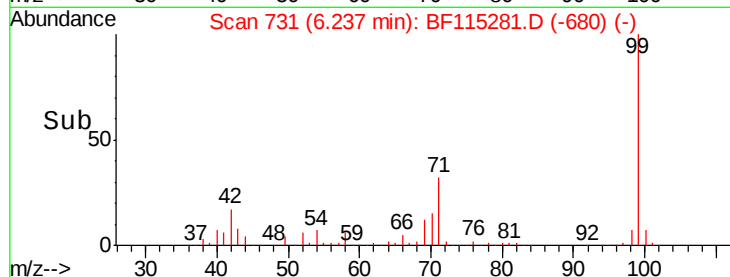
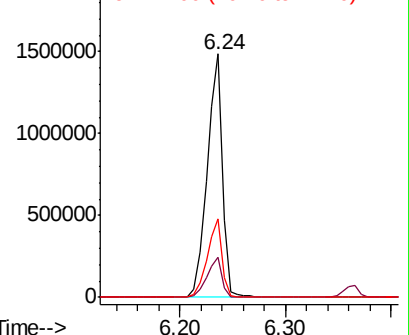
99 100

42 16.5 13.6 20.4

71 32.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.621 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

Tgt Ion: 70 Resp: 118040

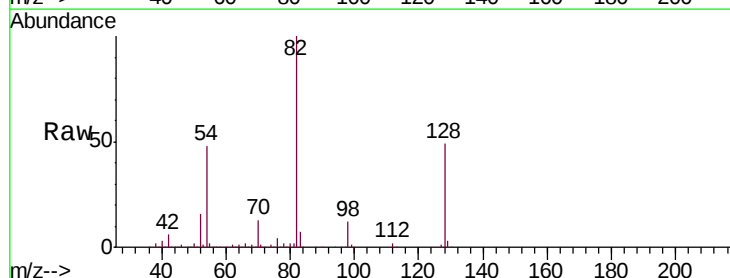
Ion Ratio Lower Upper

70 100

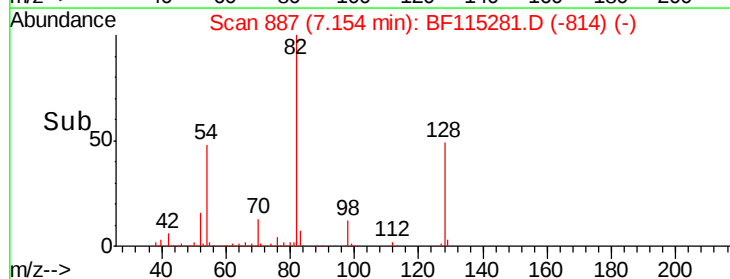
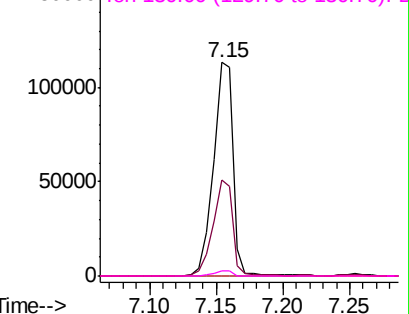
42 45.3 42.6 63.8

101 0.0 8.0 12.0#

130 2.6 19.4 29.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

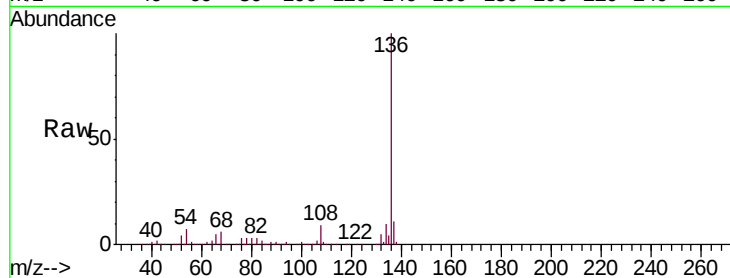




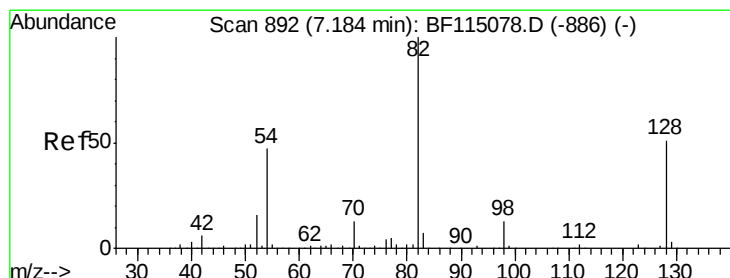
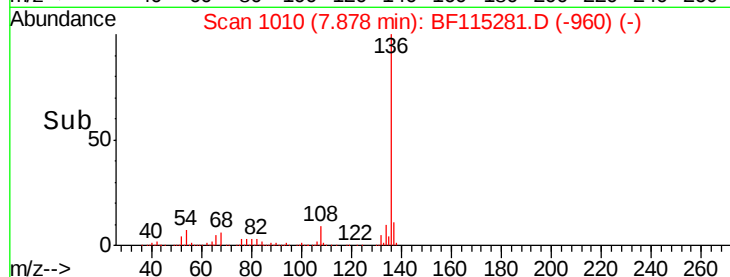
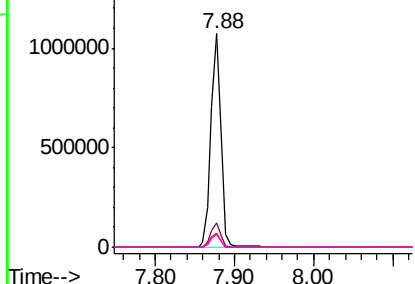
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tgt Ion:	136	Resp:	935329
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.7	5.6	8.4
68	6.0	4.8	7.2

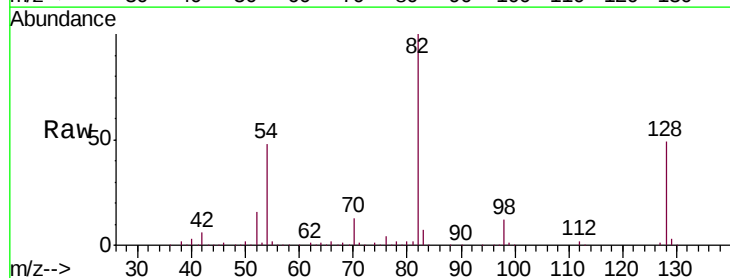


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

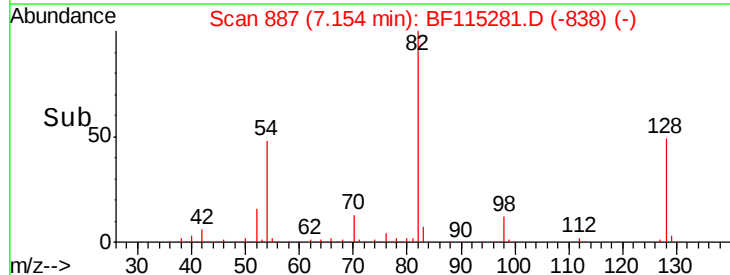
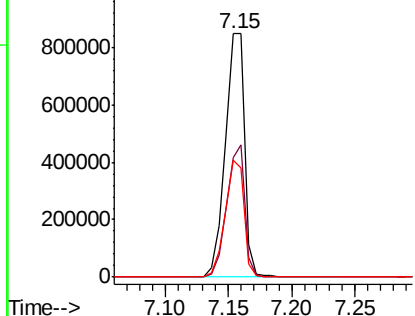


#23
Nitrobenzene-d5
Concen: 58.869 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Tgt Ion:	82	Resp:	895097
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.4	60.6
54	47.9	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.521 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.27 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

Instrument :

BNA_F

ClientSampleId :

PB120890BL

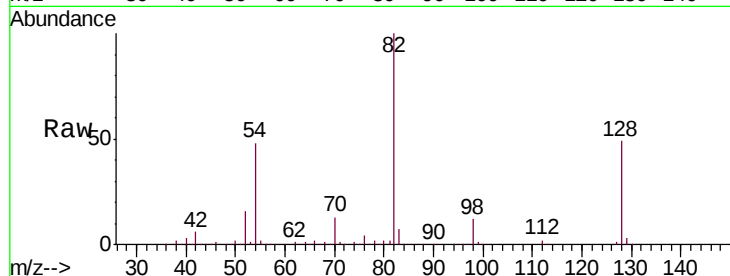
Tgt Ion: 82 Resp: 888358

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

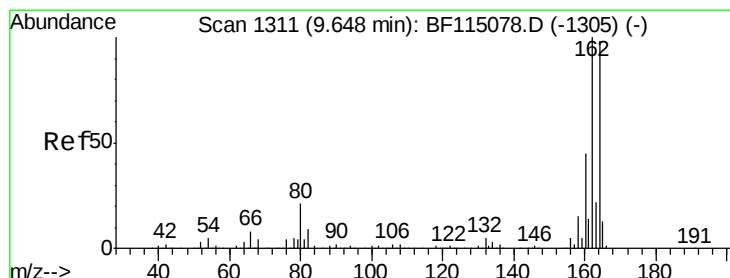
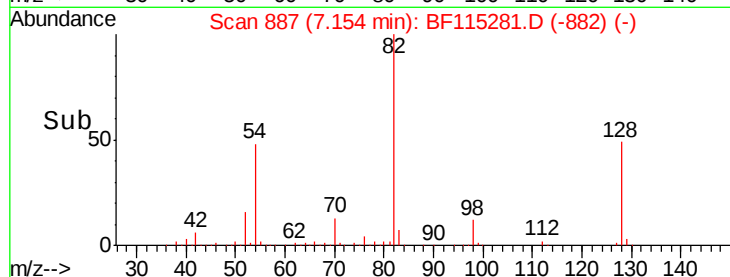
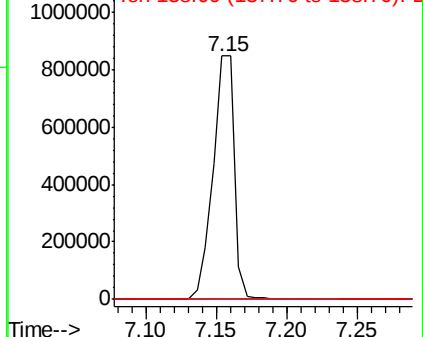
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

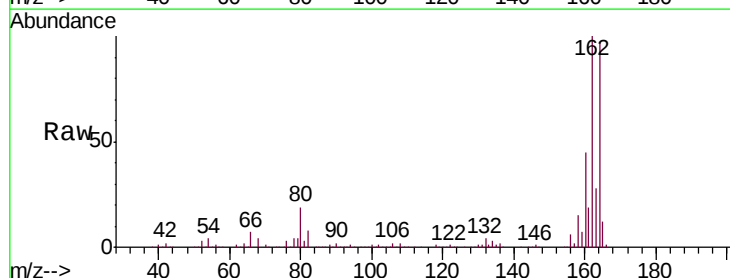
Tgt Ion: 164 Resp: 451601

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

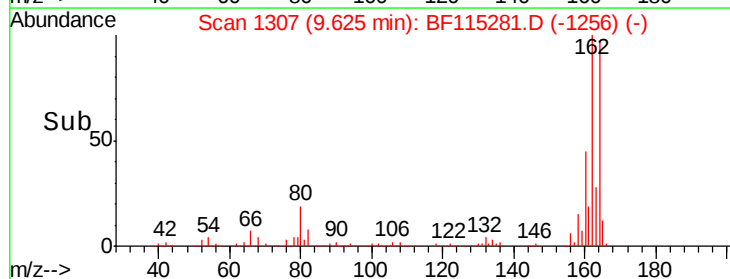
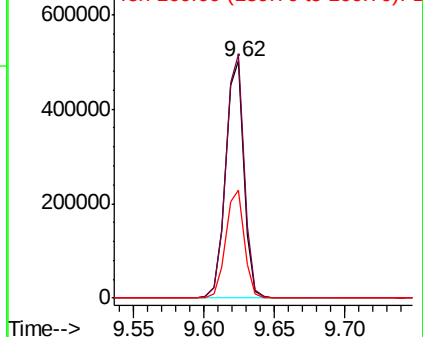
160 45.7 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

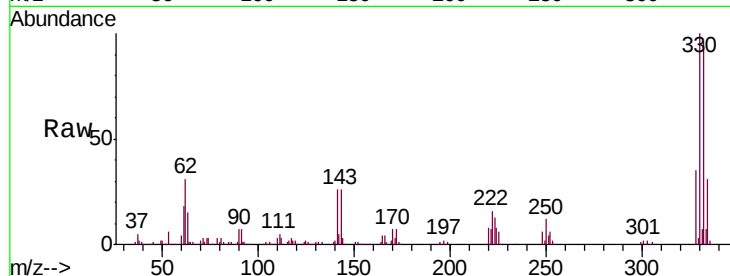




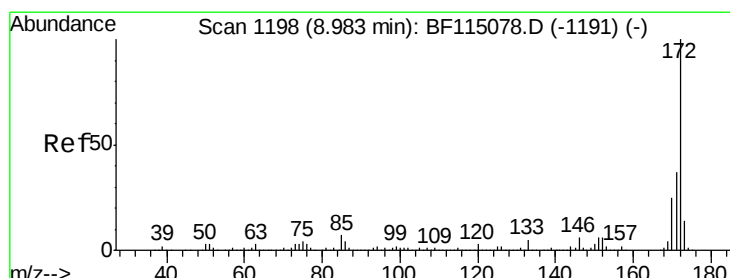
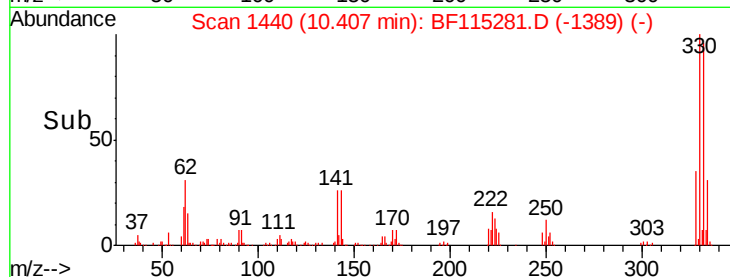
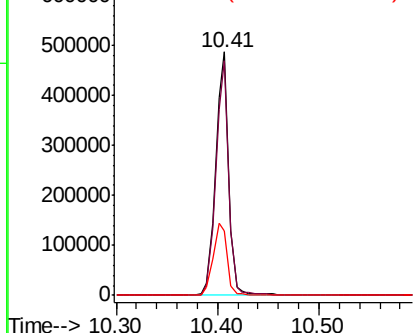
#42
 2,4,6-Tribromophenol
 Concen: 91.348 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115281.D
 Acq: 28 Jun 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

Tgt Ion:330 Resp: 435025
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 32.0 28.2 42.2

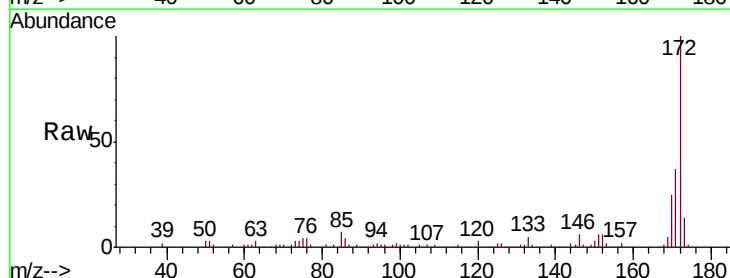


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

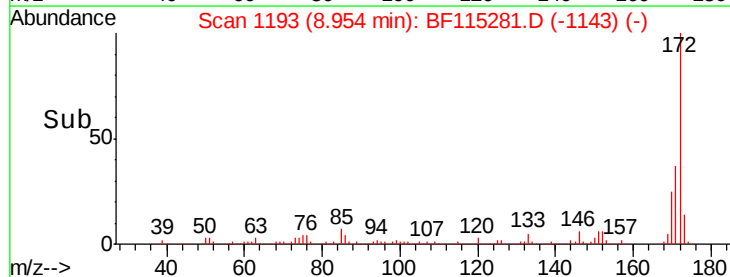
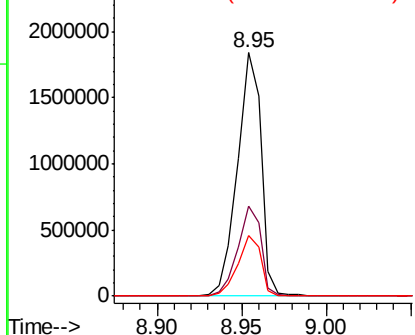


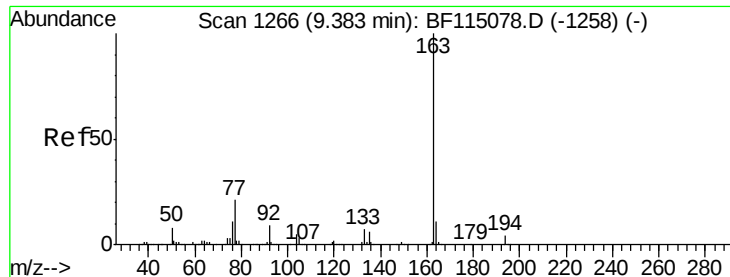
#45
 2-Fluorobiphenyl
 Concen: 67.866 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115281.D
 Acq: 28 Jun 2019 15:06

Tgt Ion:172 Resp: 1804295
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.1 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

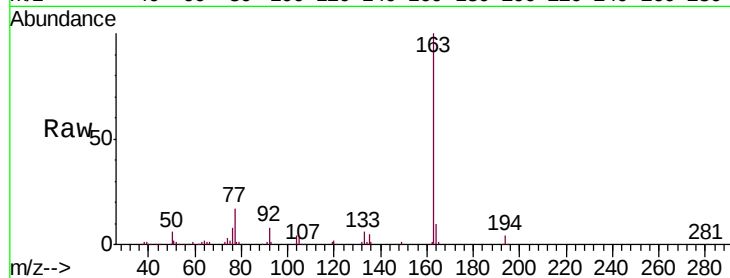




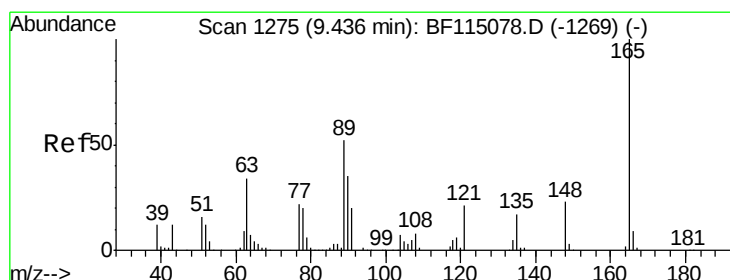
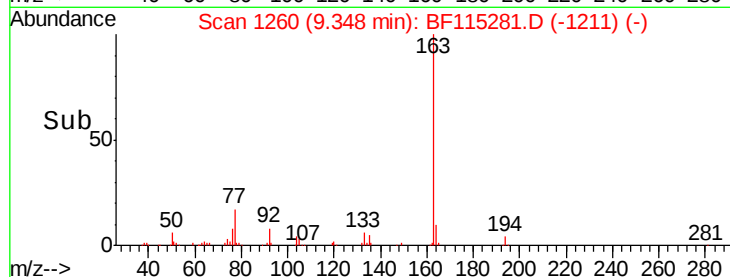
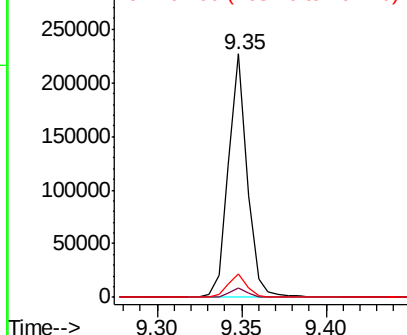
#50
Dimethylphthalate
Concen: 5.278 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tgt Ion:163 Resp: 175368
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.7 8.6 13.0

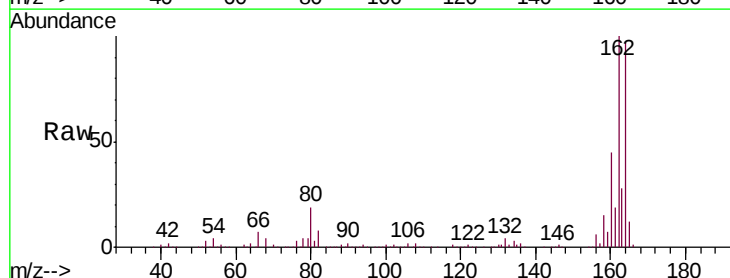


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

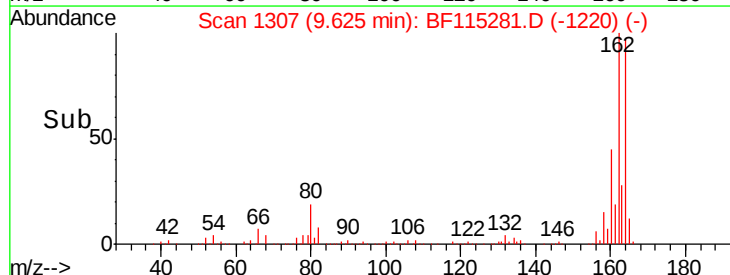
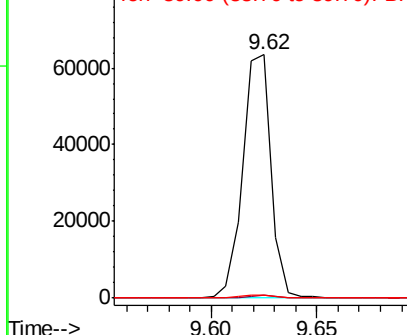


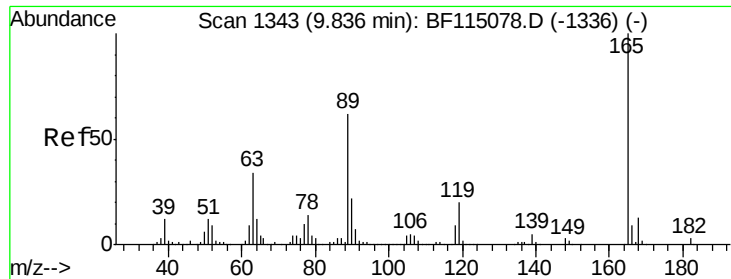
#51
2,6-Dinitrotoluene
Concen: 7.687 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Tgt Ion:165 Resp: 58968
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.2#
89 1.4 42.0 63.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

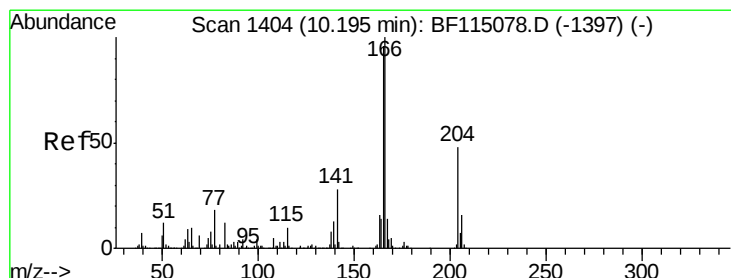
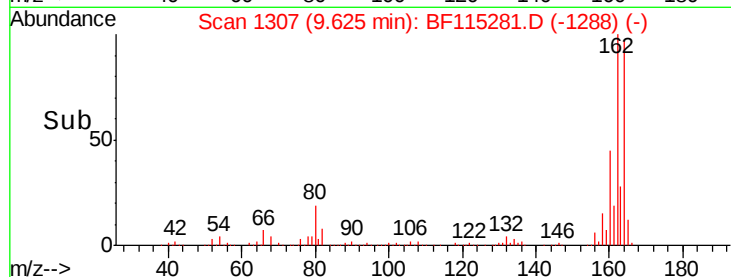
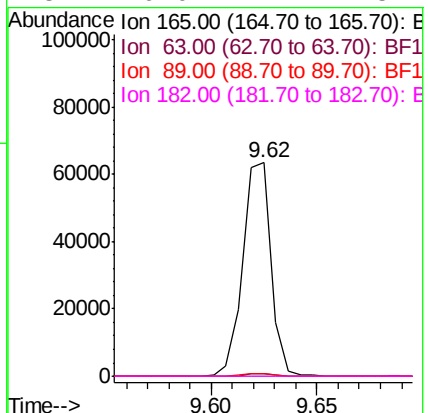
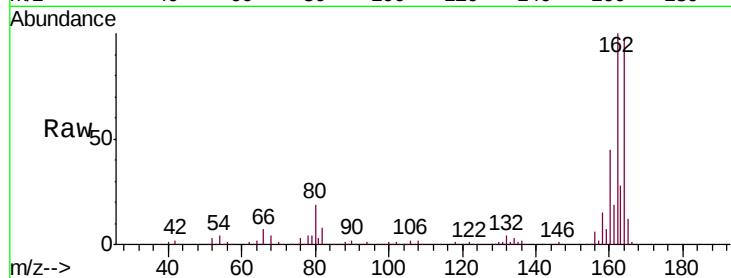




#57
 2,4-Dinitrotoluene
 Concen: 5.954 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.19 min
 Lab File: BF115281.D
 Acq: 28 Jun 2019 15:06

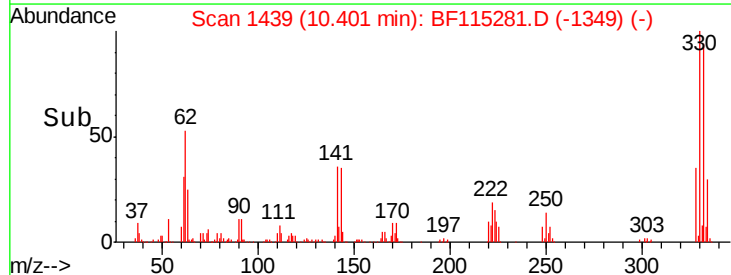
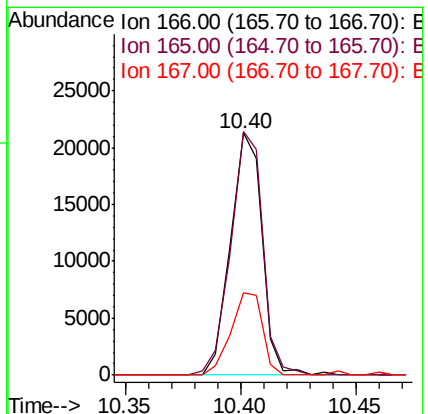
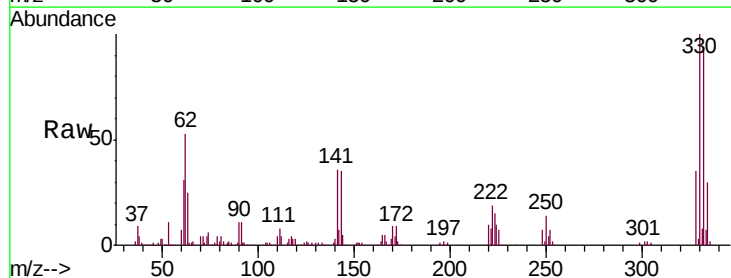
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

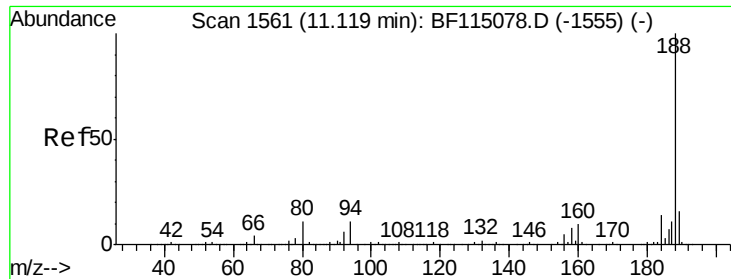
Tgt Ion:	165	Resp:	58968
Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.4	49.9	74.9#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.23 min
 Lab File: BF115281.D
 Acq: 28 Jun 2019 15:06

Tgt Ion:	166	Resp:	20311
Ion	Ratio	Lower	Upper
166	100		
165	100.7	76.5	114.7
167	34.0	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

Instrument :

BNA_F

ClientSampleId :

PB120890BL

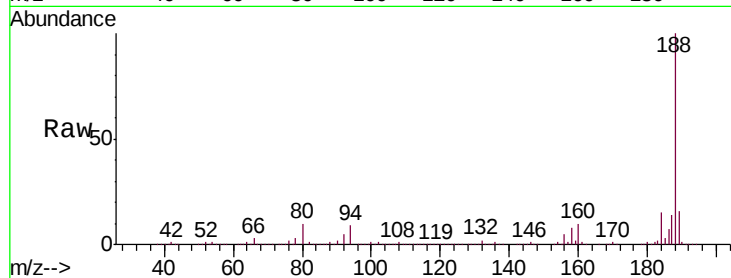
Tgt Ion:188 Resp: 881837

Ion Ratio Lower Upper

188 100

94 9.3 8.6 12.8

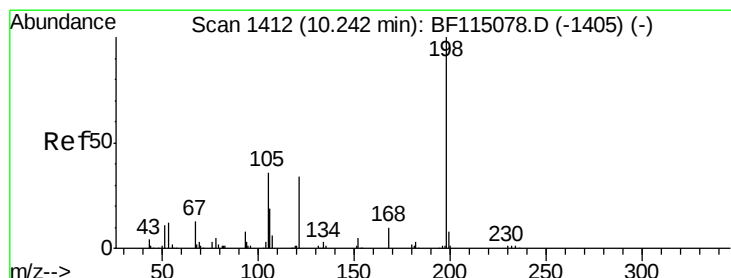
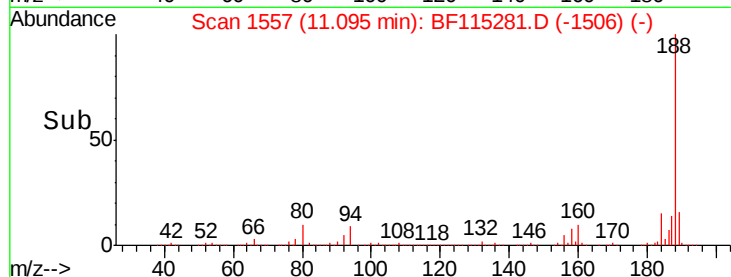
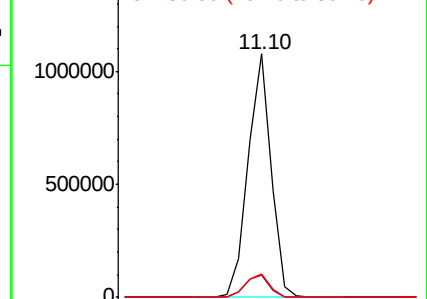
80 9.9 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 5.120 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

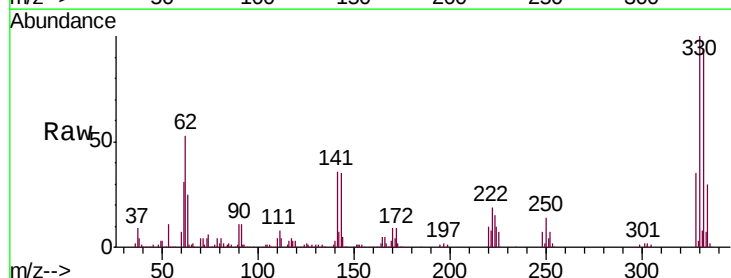
Tgt Ion:198 Resp: 839

Ion Ratio Lower Upper

198 100

51 158.6 11.0 51.0#

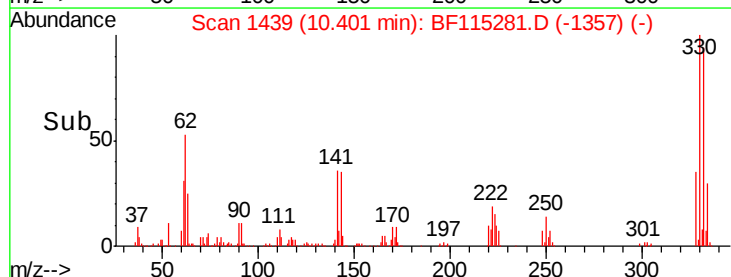
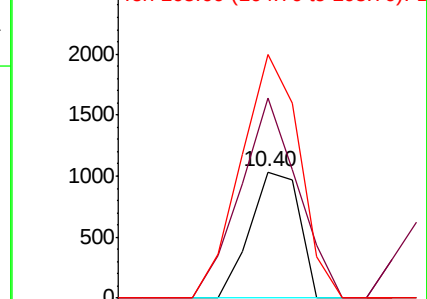
105 192.9 17.3 57.3#

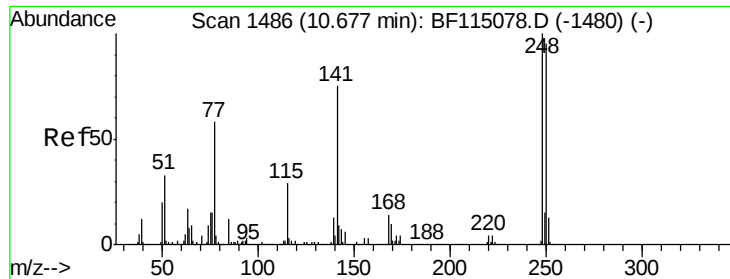


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

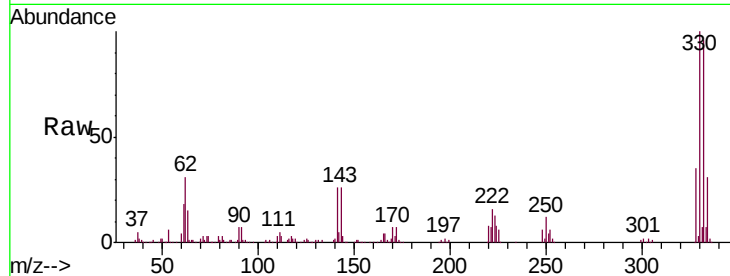




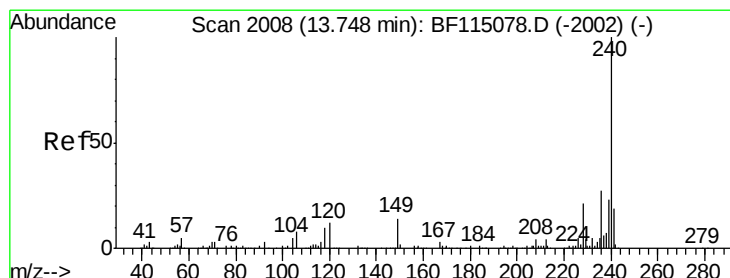
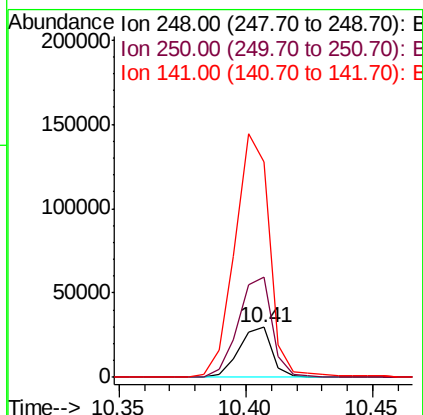
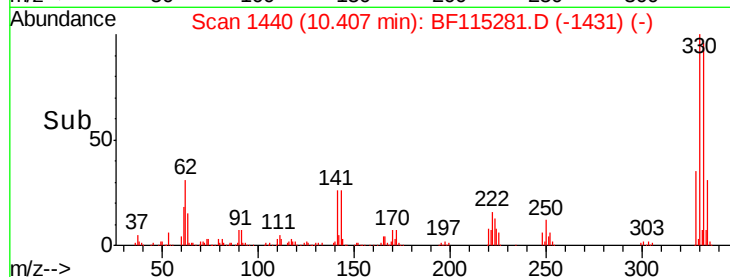
#67
4-Bromophenyl-phenylether
Concen: 2.829 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Tgt Ion:248 Resp: 27046
Ion Ratio Lower Upper
248 100
250 199.1 76.2 114.2#
141 429.6 59.6 89.4#

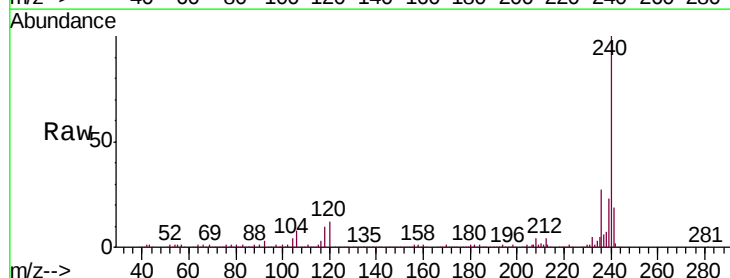


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

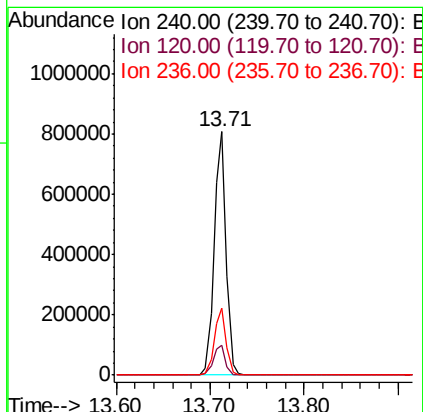
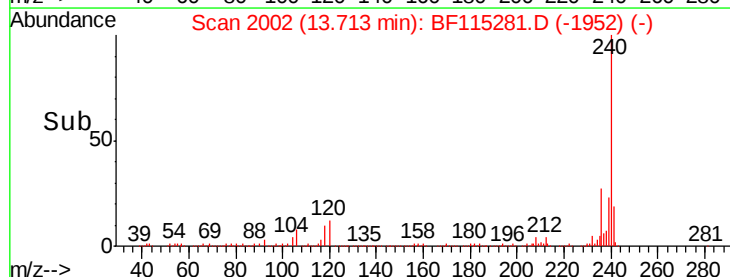


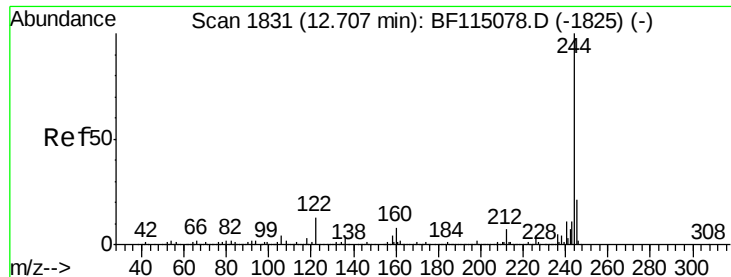
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115281.D
Acq: 28 Jun 2019 15:06

Tgt Ion:240 Resp: 727251
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 27.3 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.596 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

Instrument :

BNA_F

ClientSampleId :

PB120890BL

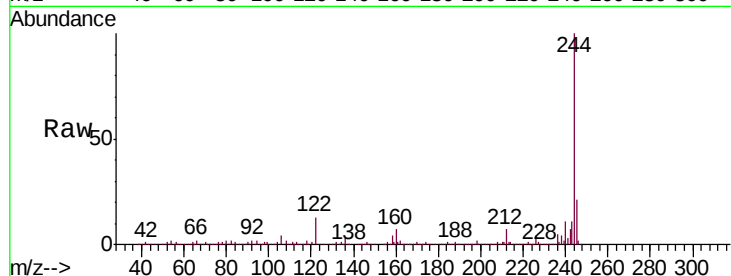
Tgt Ion:244 Resp: 2038497

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

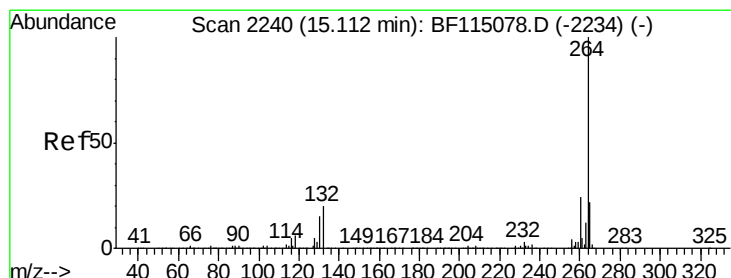
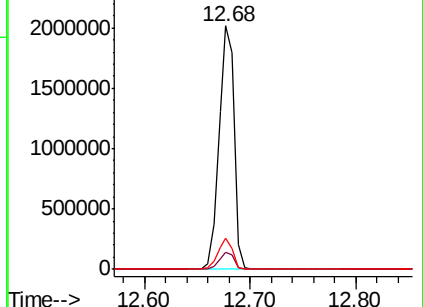
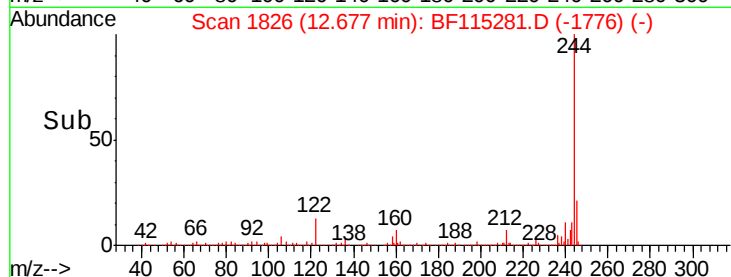
122 13.0 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF115281.D

Acq: 28 Jun 2019 15:06

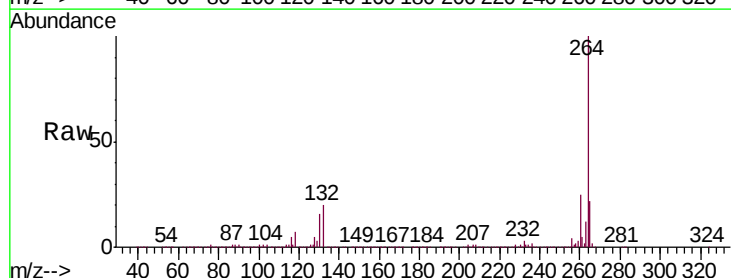
Tgt Ion:264 Resp: 809629

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

